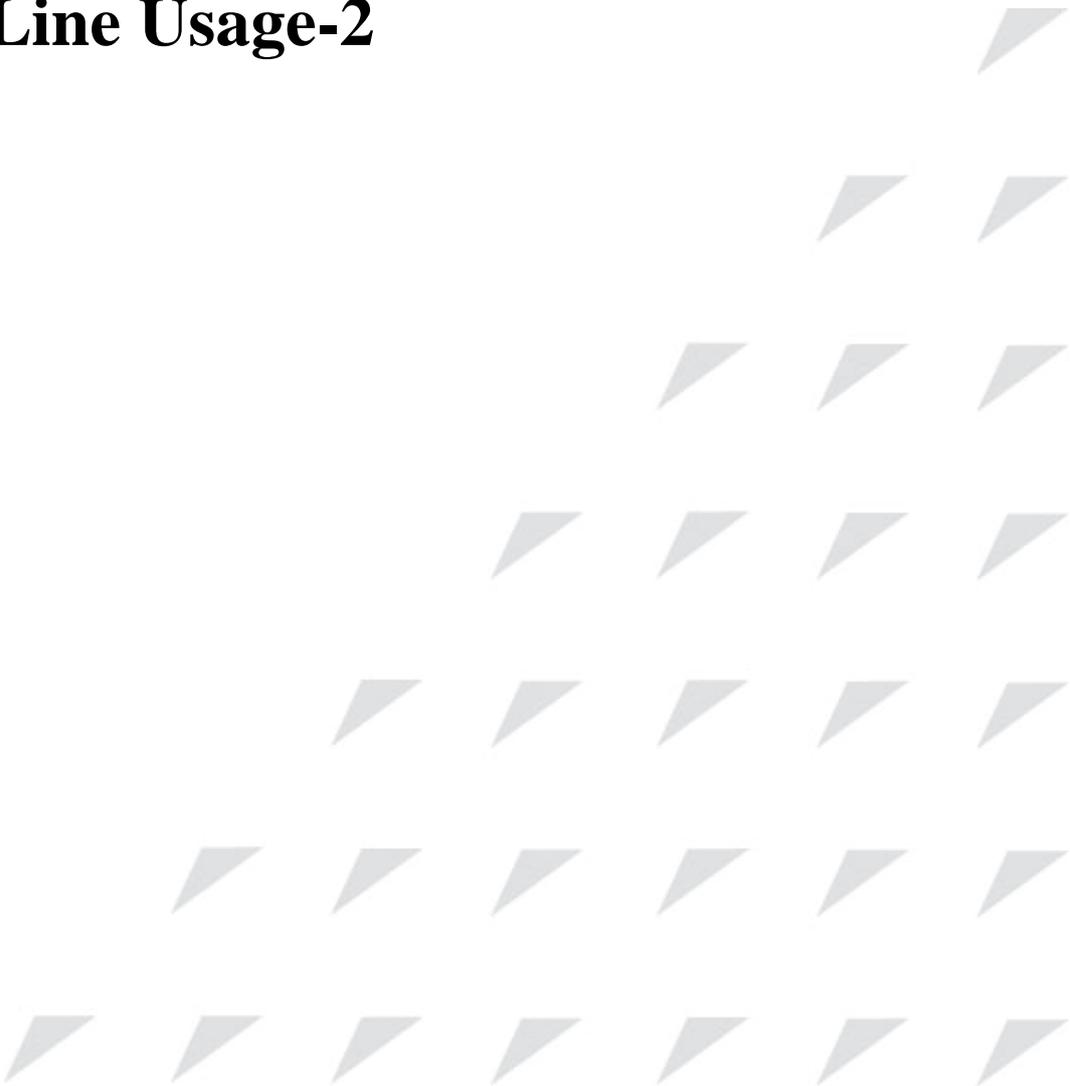


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Command Line Usage-2



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Chapter 1 Relevant Commands of Command Line Usage

1.1 interface ip

[Function]

Enter IP interface mode.

[Command Format]

interface ip <0-14>

[Parameter]

<0-14>: IP interface number.

[Default]

All the system IP interfaces have no address.

[Command Modes]

Global configuration mode; Privileged EXEC

[Command Executing Instruction]

Use **interface ip** command to enter IP configuration mode, it is available to appoint switch management address in this configuration mode.

[Example]

To enter the configuration mode for IP interface 4:

```
raisecom(config)# interface ip 4
```

[Related commands]

Commands	Description
ip address	Set the IP address.
show interface vlan	Show the layer-3 interface.

1.2 interface port

[Function]

Enter physical interface mode.

[Command Format]

interface port <1-26>

[Parameter]

<1-26>: Physical interface

[Default]

All the system physical interfaces have not been configured.

[Command Modes]

Global configuration mode and Privileged EXEC

[Command Executing Instruction]

Use “**interface port**” to enter physical interface configuration mode, it is available to configure relevant property of the interface.

[Example]

Enter physical interface 4 configuration mode:

```
Raisecom (config)# interface port 4
```

[Related commands]

Commands	Description
show interface port	Show information of physical port.

1.3 interface range

[Function]

Enter Physical port range configuration mode

[Command Format]

```
interface range {port-list | all}
```

[Parameter]

range: physical port range configuration mode.

port-list: physical port number range from 1-26, use “,” and “-” to configure several ports at one time.

all: all ports.

[Default]

All the system physical interfaces have not been configured.

[Command Modes]

Global configuration mode; Privileged EXEC.

[Command Executing Instruction]

Use **interface range** command to enter physical range configuration mode.

[Example]

Enter the configuration mode for physical port 4-10:

```
Raisecom (config)# interface range 4-10
```

[Related commands]

Commands	Description
show interface port	Show the physical ports information.

1.4 vlan

[Function]

Create VLAN or enter static VLAN mode

[Command Format]

vlan <3-4094>

no vlan {all | <3-4094>}

[Parameter]

<3-4094>: VLAN ID ;

<0-7>: priority level;

all: all static VLAN except default VLAN (VLAN ID is 1).

[Default]

By default, there are default VLAN and cluster VLAN available in the system, that is VLAN 1 and VLAN 2 are available in the system. All ports are saved in VLAN 1 as extend-access mode.

[Command Modes]

Global configuration mode; privileged user

[Command Executing Instruction]

The user uses command VLAN to enter configuration mode of static VLAN, if referenced VLAN is not available, system will create automatically. The state of static VLAN newly created is suspending, user must activate it's configuration by the command **state active** in configuration mode and quit configuration mode of VLAN, the referenced mode will be enabled.

User can use **no vlan** to delete static VLAN in the system.

[Example]

Enter configuration mode of static VLAN 4094:

Raisecom(config)# **vlan 4094**

Delete VLAN 3 form system:

Raisecom(config)#**no vlan 3**

[Related commands]

Commands	Description
name	To name static VLAN.
state	Set activation state of static VLAN.

show vlan Show configuration information of VLAN.



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